

Purpose of the UNA Inventory

- Identify and describe areas in the County with outstanding environmental qualities
- Promote the conservation and/or preservation of UNAs for the benefit of future generations
- Help people make informed choices about development in, or near these areas



Photo by Robert Beck©

UNA-46, Malloryville Bog, Town of Dryden

The EMC shall “foster unified action...propose priorities and promote coordination... in the development and management of our [County] natural resources” (Resolution No. 295)

The background of the slide is a photograph of a lush, green forested gorge. On the left, a small, dark-roofed pavilion sits on a rocky outcrop. A waterfall cascades down the right side of the gorge. The overall scene is verdant and scenic.

Reasons for Selection

Designated Natural Area or Preserve

State-designated Wetland

Diverse Fauna or Flora

Rare or Scarc Plant, Animal or Community

Historic Botanical or Zoological Site

Geologic Importance

Important Teaching Site

Old-Growth Forest

Birding Site

Quality of Animal or Plant Community

Recreational Value

Scenic or Aesthetic Value

Wilderness Character

Archeological/Paleontological Site

Cultural/Historic Site

Urban Greenspace

**UNA-136, Cascadilla Gorge
City of Ithaca, Town of Ithaca**



Canada Lily, *Lilium canadense*



Showy Ladyslipper, *Cypripedium reginae*



Painted Trillium, *Trillium undulatum*

UNA Site Characteristics

- Physical, Biological and Ecological Information tailored to assist with the completion SEQRA forms
- Relational Database for storage, easy updating and display (reports)
- Geographic Information System Coverage for landscape-level analysis

General Info View : Form

View General Information by UNA Site

New Site Code: UNA-046 **Old Site Code:** DR-03 **Old Site Name:** Malloryville Bog, Swamp, Fens and Esker

New Site Name: Malloryville Bog, Swamp, Fens and Esker

Town: Town of Dryden **Size (in acres):** 61.861 **Elevation:** 1069 to 1133 **USGS Quad:** Groton

Inventoried By: Wesley **Boundary Last Reviewed:** 9/1/99 **Form Last Updated:** 01/03/2000

Geological Features: **Date Site Last Visited:** No date recorded

Esker and kame-moraine deposits. Peat deposits in depressions. Underlying shales quite deep. Groundwater discharge gives rise to seeps and fens. Small kettles. Valley Heads moraine.

Animal Description:

An abundant deer population is present. The animal species found on this site are considered normal for the area.

Search By:

New Site Code: UNA-046 **New Site Name:** **Old Site Code:** **Town:**

Edit General Information for this UNA Site




Topographic Info	Ecological Communities	Soils	Conservation Comments	Site Rating
Rare Fauna	Reason For Selection	Rare Flora	Water Resources	Lat / Long
Protection Status	Site/Vegetation Desc.	Cover Type	Fields Not In Use	Tax Parcels

Record: 46 of 192

UNA Geographic Information

GIS Data and Sources

TC Planning Department

-  Unique Natural Areas
-  UNA- 46
-  Major Stream

US Department of the Interior

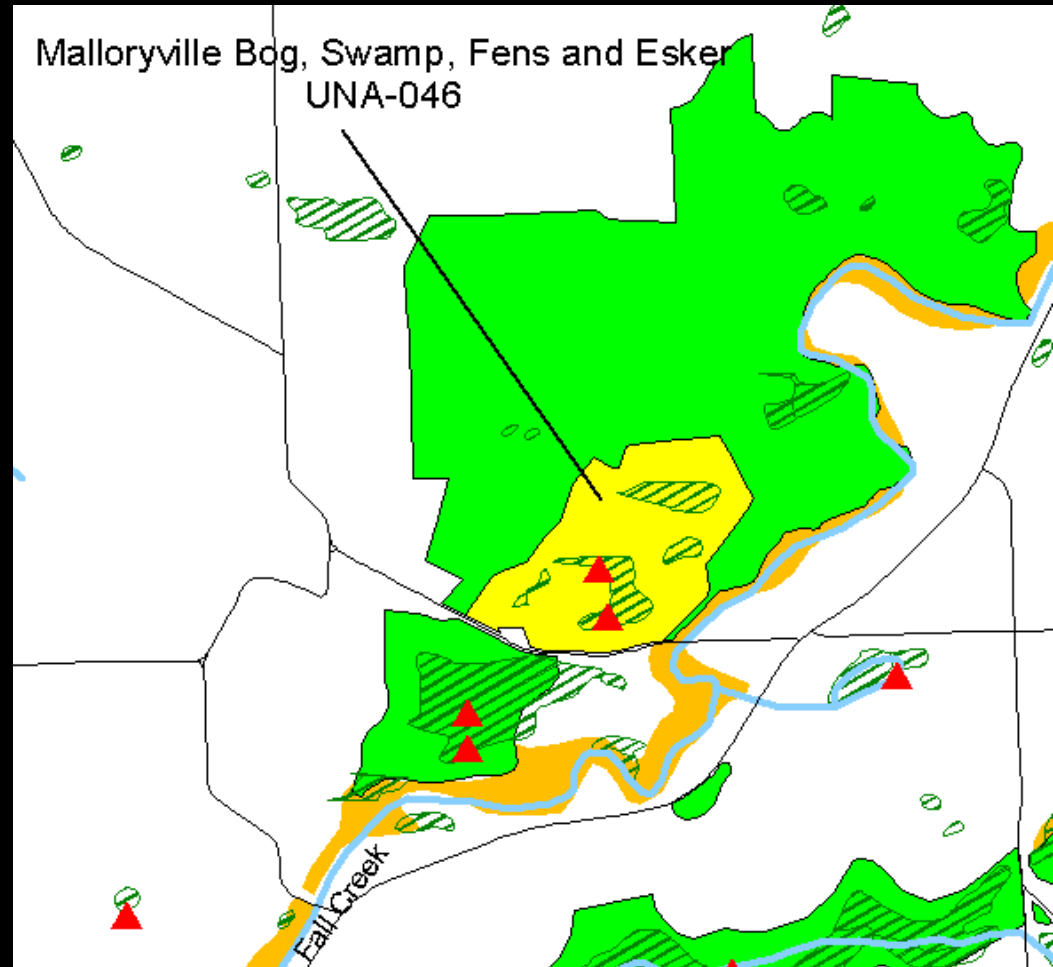
-  National Wetlands Inventory

Federal Emergency Management Agency

-  Special Flood Hazard Areas (Q3 100-year or base flood)

New York State Natural Heritage Program

-  Species of Concern



Map created using ESRI ArcView

BIOLOGICAL CHARACTERISTICS OF THE SITE

Ecological Communities

Rarity: Global, State, Local



Bombylius major sucking nectar from quaker ladies



lo moth relies on contiguous forest habitat

BIOLOGICAL CHARACTERISTICS OF THE SITE

Plant Species

Rarity: Global, State, Local

Legal Status: Federal or State



Pitcher Plant (*Sarracenia purpurea*) in bog



Large Cranberry (*Vaccinium macrocarpon*) in bog

BIOLOGICAL CHARACTERISTICS OF THE SITE

Animal Species

Rarity: Global, State

Legal Status: Federal or State

Photos by F. Robert Wesley



Cooper's Hawk (*Accipiter cooperii*)



Gray Tree Frog, *Hyla versicolor*



Red Spotted Newt, *Notophthalmus viridescens*



Next Steps

- Planning Tool for Municipalities
- Community Education
- Conservation Efforts